

## Lab 2 Data for Homework

### ASTM C-127

Mass of pan plus SSD aggregate in air:	7122.2	g
– Mass of empty pan:	871.6	g
= Mass of SSD aggregate in air (B):	6250.6	g
Apparent mass of wire basket plus aggregate in water:	3922.0	g
– Apparent mass of empty wire basket in water:	0.0	g
= Apparent mass of aggregate in water (C):	3922.0	g
Mass of pan plus OD aggregate in air:	7102.4	g
– Mass of empty pan (from above):	871.6	g
= Mass of OD aggregate in air (A):	6230.8	g

### ASTM C-128

Mass of pan plus SSD sand:	666.6	g
– Mass of empty pan:	166.2	g
= Mass of SSD sand (S):	500.4	g
Mass of glass pycnometer filled with water and sand (C):	975.1	g
– Mass of glass pycnometer filled with water alone (B):	666.9	g
= Apparent mass of SSD sand in water (C–B):	308.2	g
Mass of pan plus OD sand:	661.4	g
– Mass of empty pan (from above):	166.2	g
= Mass of OD sand (A):	495.2	g